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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

2

Patent Number

7,056,896

091965551

Issue Date

06/06/2006

First Named Inventor

Muthiah Manoharan

Title

CARBOHYDRATE OR 2'-MODIFIED OLIGONUCLEOTIDES
HAVING ALTERNATING INTERNUCLEOSIDE
LINKAGES

Attorney Docket Number

ISIS-4847

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Certificate of Correction
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<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

Certificate

AUG 07 2006

of Correction**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Isis Pharmaceuticals, Inc.		
Signature			
Printed name	Herb Boswell		
Date	July 27, 2006	Reg. No.	27,311

CERTIFICATE OF TRANSMISSION/MAILING

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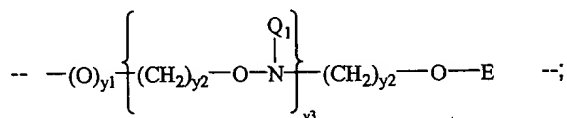
UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,056,896
 APPLICATION NO.: 09/965,551
 ISSUE DATE : 06/06/2006
 INVENTOR(S) : Muthiah Manoharan

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1) Column 42, lines 3-7, please delete " $-(O)_{y1}-\left[(CH_2)_{y2}-O-N\right]_{y3}(CH_2)_{y2}-O-E$ " and insert therefore



2) Column 42, line 39, please delete "Z⁴" and insert therefore $-Z_4-$;

3) Column 45, line 1, please delete "W₃" and insert therefore $-W^3-$.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Isis Pharmaceuticals, Inc.
 1896 Rutherford Rd.
 Carlsbad, CA 92008

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